RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: *10/540,759*
Source: *Pur*
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RAW SEQUENCE LISTING   DATE: 03/03/2006
PATENT APPLICATION: US/10/540,759   TIME: 18:18:01

Input Set : **N:\Crf4\03012006\J540749.raw**
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 1 <110> APPLICANT: THE HORTICULTURE AND FOOD RESEARCH INSTITUTE OF NEW ZEALAND LIMITED
 2 <120> TITLE OF INVENTION: ENZYMES AND POLYNUCLEOTIDES ENCODING THE SAME
 3 <130> FILE REFERENCE: 497047 KXR
 4 <140> CURRENT APPLICATION NUMBER: US/10/540,759
 5 <141> CURRENT FILING DATE: 2005-06-24
 6 <150> PRIOR APPLICATION NUMBER: NZ 523384
 7 <151> PRIOR FILING DATE: 2002-12-24
 8 <160> NUMBER OF SEQ ID NOS: 16
 9 <170> SOFTWARE: PatentIn version 3.1
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12 <211> LENGTH: 2019
13 <212> TYPE: DNA
14 <213> ORGANISM: Actinidia deliciosa
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19     cctagcattt ggggagatca tttcctcgcc tactcttccg atgctatgga agaagaggtt     240
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47        accattaaga gatattcttg ctaaaaagca attaattcaa tgcatttcca ataaaataat   1920
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53 <212> TYPE: PRT
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59                        20                  25                  30
60        His Pro Ser Ile Trp Gly Asp His Phe Leu Ala Tyr Ser Ser Asp Ala
61                        35                  40                  45
62        Met Glu Glu Glu Val Ile Asn Met Glu Gln Gln Gln Arg Leu His His
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80        Arg Ser Ala Leu Pro Asn Leu Ser Thr Pro Phe Lys Glu Gln Ile Ile
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143      tgctgctctc tcttttcggt tacttagaca acaaggatat ccagttcttc gtgatatgtt     600
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213      His Pro Ser Ile Trp Gly Asp His Phe Leu Ala Tyr Ser Ser Asp Ala
214                      35                  40                  45
215      Met Glu Glu Glu Asp Ile Asn Met Glu Gln Gln Gln Arg Leu His His
216          50                  55                  60
217      Leu Lys Gln Lys Val Arg Lys Met Leu Glu Ala Ala Ala Glu Gln Ser
218      65                  70                  75                  80
219      Ser Gln Met Leu Asn Leu Val Asp Lys Ile Gln Arg Leu Gly Val Ser
220                      85                  90                  95
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224          115                 120                 125
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233      Arg Ser Ala Leu Pro Asn Leu Ser Thr Pro Phe Lys Glu Gln Ile Ile
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238      225                 230                 235                 240
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240                      245                 250                 255
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242                      260                 265                 270
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L:4 M:270 C: Current Application Number differs, Replaced Current Application Number